PAGE: 1

RAW SEQUENCE LISTING PATENT APPLICATION US/08/192,102

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This Raw Listing contains the General Information Section and up to the first 5 pages.

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1
                                       SEQUENCE LISTING
 2
 3
            General Information:
    (1)
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 5
          (i) APPLICANT: Le, Junming
                          Vilcek, Jan
 6
 7
                          Daddona, Peter E.
 8
                          Ghrayeb, John
 9
                          Knight, David M.
10
                          Siegel, Scott A.
11
         (ii) TITLE OF INVENTION: ANTI-THE ANTIBODIES AND ASSAYS EMPLOYING
12
13
                               ANTI-THE ANTIBODIES
14
        (iii) NUMBER OF SEQUENCES: 19
15
16
17
         (iv) CORRESPONDENCE ADDRESS:
               (A) ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
18
19
               (B) STREET: Two Militia Drive
20
               (C) CITY: Lexington
21
               (D) STATE: Massachusetts
22
               (E) COUNTRY: USA
23
               (F) ZIP: 02173
24
          (V) COMPUTER READABLE FORM:
25
26
               (A) MEDIUM TYPE: Floppy disk
27
               (B) COMPUTER: IBM PC compatible
               (C) OPERATING SYSTEM: PC-DOS/MS-DOS
28
29
               (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
30
31
         (vi) CURRENT APPLICATION DATA:
32
               (A) APPLICATION NUMBER: 08/192,102
               (B) FILING DATE: 04-FEB-1994
33
34
               (C) CLASSIFICATION: 424
35
        (vii) PRIOR APPLICATION DATA:
36
37
               (A) APPLICATION NUMBER: US/08/192,093
38
               (B) FILING DATE: 04-FEB-1994
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               (A) APPLICATION NUMBER: US 08/013,413
41
               (B) FILING DATE: 02-FEB-1993
42
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        (vii) PRIOR APPLICATION DATA:
44
               (A) APPLICATION NUMBER: US 08/010,406
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               (B) FILING DATE: 29-JAN-1993
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RAW SEQUENCE LISTING PATENT APPLICATION US/08/192,102

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53	(A) APPLICATION NUMBER: US 07/853,606 (B) FILING DATE: 18-MAR-1992															
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128 129 130 131 132 133 134 135 136	Asp 1 GAA	ATC Ile	TTG Leu GTC	QUENC CTG Leu AGT Ser	CE DE ACT Thr 5	CAG Gln TCC	TCT Ser	ON: S CCA Pro	GCC Ala	ATC Ile 10	CTG Leu CAG	Ser TTC	Val GTT	Ser GGC Gly	Pro 15 TCA	Gly AGC	
128 129 130 131 132 133 134 135 136 137	Asp 1 GAA	ATC Ile	TTG Leu GTC	QUENC CTG Leu	CE DE ACT Thr 5	CAG Gln TCC	TCT Ser	ON: S CCA Pro	GCC Ala	ATC Ile 10	CTG Leu CAG	Ser TTC	Val GTT	Ser GGC	Pro 15 TCA	Gly AGC	
128 129 130 131 132 133 134 135 136 137 138	Asp 1 GAA Glu	ATC Ile AGA Arg	TTG Leu GTC Val	CTG Leu AGT Ser 20	ACT Thr 5 TTC Phe	CAG Gln TCC Ser	TCT Ser TGC Cys	ON: S CCA Pro AGG Arg	GCC Ala GCC Ala 25	ATC Ile 10 AGT Ser	CTG Leu CAG Gln	Ser TTC Phe	Val GTT Val	GGC Gly 30	Pro 15 TCA Ser	Gly AGC Ser	96
128 129 130 131 132 133 134 135 136 137 138 139 140	Asp 1 GAA Glu ATC	ATC Ile AGA Arg	TTG Leu GTC Val	QUENC CTG Leu AGT Ser 20	ACT Thr 5 TTC Phe	CAG Gln TCC Ser	TCT Ser TGC Cys	CCA Pro AGG Arg	GCC Ala GCC Ala 25	ATC Ile 10 AGT Ser	CTG Leu CAG Gln	Ser TTC Phe	Val GTT Val	GGC Gly 30 CTT	Pro 15 TCA Ser	AGC Ser	
128 129 130 131 132 133 134 135 136 137 138 139 140	Asp 1 GAA Glu ATC	ATC Ile AGA Arg	TTG Leu GTC Val	QUENC CTG Leu AGT Ser 20	ACT Thr 5 TTC Phe	CAG Gln TCC Ser	TCT Ser TGC Cys	CCA Pro AGG Arg	GCC Ala GCC Ala 25	ATC Ile 10 AGT Ser	CTG Leu CAG Gln	Ser TTC Phe	Val GTT Val	GGC Gly 30 CTT	Pro 15 TCA Ser	AGC Ser	96
128 129 130 131 132 133 134 135 136 137 138 139 140	Asp 1 GAA Glu ATC	ATC Ile AGA Arg	TTG Leu GTC Val	QUENC CTG Leu AGT Ser 20	ACT Thr 5 TTC Phe	CAG Gln TCC Ser	TCT Ser TGC Cys	CCA Pro AGG Arg	GCC Ala GCC Ala 25	ATC Ile 10 AGT Ser	CTG Leu CAG Gln	Ser TTC Phe	Val GTT Val	GGC Gly 30 CTT	Pro 15 TCA Ser	AGC Ser	96
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128 129 130 131 132 133 134 135 136 137 138 139 140 141	Asp 1 GAA Glu ATC Ile	ATC Ile AGA Arg CAC His	TTG Leu GTC Val TGG Trp 35	CTG Leu AGT Ser 20 TAT	ACT Thr 5 TTC Phe	CAG Gln TCC Ser CAA Gln	TCT Ser TGC Cys AGA Arg	CCA Pro AGG Arg ACA Thr	GCC Ala GCC Ala 25 AAT Asn	ATC Ile 10 AGT Ser GGT Gly	CTG Leu CAG Gln TCT Ser	TTC Phe CCA Pro	GTT Val AGG Arg 45	GGC Gly 30 CTT Leu	Pro 15 TCA Ser CTC Leu	AGC Ser ATA	96
128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143	Asp 1 GAA Glu ATC Ile	ATC Ile AGA Arg CAC His	TTG Leu GTC Val TGG Trp 35	CTG Leu AGT Ser 20 TAT Tyr	ACT Thr 5 TTC Phe CAG	CAG Gln TCC Ser CAA Gln	TCT Ser TGC Cys AGA Arg	CCA Pro AGG Arg ACA Thr 40	GCC Ala GCC Ala 25 AAT Asn	ATC 11e 10 AGT Ser GGT Gly	CTG Leu CAG Gln TCT Ser	TTC Phe CCA Pro	GTT Val AGG Arg 45	GGC Gly 30 CTT Leu	Pro 15 TCA Ser CTC Leu	AGC Ser ATA Ile	96
128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144	Asp 1 GAA Glu ATC Ile	ATC Ile AGA Arg CAC His	TTG Leu GTC Val TGG Trp 35	CTG Leu AGT Ser 20 TAT Tyr	ACT Thr 5 TTC Phe CAG Gln	CAG Gln TCC Ser CAA Gln	TCT Ser TGC Cys AGA Arg	CCA Pro AGG Arg ACA Thr 40	GCC Ala GCC Ala 25 AAT Asn	ATC 11e 10 AGT Ser GGT Gly	CTG Leu CAG Gln TCT Ser	TTC Phe CCA Pro	GTT Val AGG Arg 45	GGC Gly 30 CTT Leu	Pro 15 TCA Ser CTC Leu	AGC Ser ATA Ile	96
128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144	Asp 1 GAA Glu ATC Ile	ATC Ile AGA Arg CAC His	TTG Leu GTC Val TGG Trp 35	CTG Leu AGT Ser 20 TAT Tyr	ACT Thr 5 TTC Phe CAG Gln	CAG Gln TCC Ser CAA Gln	TCT Ser TGC Cys AGA Arg	CCA Pro AGG Arg ACA Thr 40	GCC Ala GCC Ala 25 AAT Asn	ATC 11e 10 AGT Ser GGT Gly	CTG Leu CAG Gln TCT Ser	TTC Phe CCA Pro TCC Ser	GTT Val AGG Arg 45	GGC Gly 30 CTT Leu	Pro 15 TCA Ser CTC Leu	AGC Ser ATA Ile	96
128 129 130 131 132 133 134 135 136 137 138 149 140 141 142 143 144 145 146 147	Asp 1 GAA Glu ATC Ile AAG Lys	ATC Ile AGA Arg CAC His TAT Tyr 50	TTG Leu GTC Val TGG Trp 35 GCT	CTG Leu AGT Ser 20 TAT Tyr	ACT Thr 5 TTC Phe CAG Gln GAG Glu	CAG Gln TCC Ser CAA Gln TCT	TCT Ser TGC Cys AGA Arg ATG Met	CCA Pro AGG Arg ACA Thr 40	GCC Ala GCC Ala 25 AAT Asn	ATC Ile 10 AGT Ser GGT Gly ATC Ile	CTG Leu CAG Gln TCT Ser CCT Pro	TTC Phe CCA Pro TCC Ser 60.	GTT Val AGG Arg 45 AGG Arg	GGC Gly 30 CTT Leu TTT Phe	Pro 15 TCA Ser CTC Leu AGT Ser	AGC Ser ATA Ile GGC Gly	96 144 192
128 129 130 131 132 133 134 135 136 137 138 149 140 141 142 143 144 145 146 147 148	Asp 1 GAA Glu ATC Ile AAG Lys	ATC Ile AGA Arg CAC His TAT Tyr 50 GGA	TTG Leu GTC Val TGG Trp 35 GCT Ala	CTG Leu AGT Ser 20 TAT Tyr	ACT Thr 5 TTC Phe CAG Gln GAG Glu	CAG Gln TCC Ser CAA Gln TCT Ser	TCT Ser TGC Cys AGA Arg ATG Met 55	CCA Pro AGG Arg ACA Thr 40 TCT Ser	GCC Ala GCC Ala 25 AAT Asn GGG Gly CTT	ATC Ile 10 AGT Ser GGT Gly ATC Ile AGC	CAG Gln TCT Ser CCT Pro	TTC Phe CCA Pro TCC Ser 60.	Val GTT Val AGG Arg 45 AGG Arg	GGC Gly 30 CTT Leu TTT Phe	Pro 15 TCA Ser CTC Leu AGT Ser	AGC Ser ATA Ile GGC Gly TCT	96
128 129 130 131 132 133 134 135 136 137 138 149 140 141 142 143 144 145 146 147 148	Asp 1 GAA Glu ATC Ile AAG Lys	ATC Ile AGA Arg CAC His TAT Tyr 50 GGA	TTG Leu GTC Val TGG Trp 35 GCT Ala	CTG Leu AGT Ser 20 TAT Tyr	ACT Thr 5 TTC Phe CAG Gln GAG Glu	CAG Gln TCC Ser CAA Gln TCT Ser	TCT Ser TGC Cys AGA Arg ATG Met 55	CCA Pro AGG Arg ACA Thr 40 TCT Ser	GCC Ala GCC Ala 25 AAT Asn GGG Gly CTT	ATC Ile 10 AGT Ser GGT Gly ATC Ile AGC	CTG Leu CAG Gln TCT Ser CCT Pro	TTC Phe CCA Pro TCC Ser 60.	Val GTT Val AGG Arg 45 AGG Arg	GGC Gly 30 CTT Leu TTT Phe	Pro 15 TCA Ser CTC Leu AGT Ser	AGC Ser ATA Ile GGC Gly TCT Ser	96 144 192
128 129 130 131 132 133 134 135 136 137 138 149 140 141 142 143 144 145 146 147 148 149 150	Asp 1 GAA Glu ATC Ile AAG Lys	ATC Ile AGA Arg CAC His TAT Tyr 50 GGA	TTG Leu GTC Val TGG Trp 35 GCT Ala	CTG Leu AGT Ser 20 TAT Tyr	ACT Thr 5 TTC Phe CAG Gln GAG Glu	CAG Gln TCC Ser CAA Gln TCT Ser	TCT Ser TGC Cys AGA Arg ATG Met 55	CCA Pro AGG Arg ACA Thr 40 TCT Ser	GCC Ala GCC Ala 25 AAT Asn GGG Gly CTT	ATC Ile 10 AGT Ser GGT Gly ATC Ile AGC	CAG Gln TCT Ser CCT Pro	TTC Phe CCA Pro TCC Ser 60.	Val GTT Val AGG Arg 45 AGG Arg	GGC Gly 30 CTT Leu TTT Phe	Pro 15 TCA Ser CTC Leu AGT Ser	AGC Ser ATA Ile GGC Gly TCT	96 144 192
128 129 130 131 132 133 134 135 136 137 138 149 140 141 142 143 144 145 146 147 148	Asp 1 GAA Glu ATC Ile AAG Lys AGT Ser 65	ATC Ile AGA Arg CAC His TAT Tyr 50 GGA Gly	TTG Leu GTC Val TGG Trp 35 GCT Ala	CTG Leu AGT Ser 20 TAT TYr TCT Ser GGG Gly	ACT Thr 5 TTC Phe CAG Gln GAG Glu	CAG Gln TCC Ser CAA Gln TCT Ser GAT Asp	TCT Ser TGC Cys AGA Arg ATG Met 55	CCA Pro AGG Arg ACA Thr 40 TCT Ser ACT	GCC Ala 25 AAT Asn GGG Gly CTT Leu	ATC Ile 10 AGT Ser GGT Gly ATC Ile AGC Ser	CTG Leu CAG Gln TCT Ser CCT Pro	TTC Phe CCA Pro TCC Ser 60• AAC Asn	GTT Val AGG Arg 45 AGG Arg	GGC Gly 30 CTT Leu TTT Phe	Pro 15 TCA Ser CTC Leu AGT Ser	AGC Ser ATA Ile GGC Gly TCT Ser 80	96 144 192

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(B) LOCATION: 1..357

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208		(xi) SE	QUEN	CE DI	ESCR	[PTI	ON: S	SEQ :	ED NO	D:4:						
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211		Val	Lys	Leu		Glu	Ser	Gly	Gly	_	Leu	Val	Gln	Pro	_	Gly	
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218				TGG													144
219	Trp	Met		Trp	vaı	Arg	GIn		Pro	GLu	Lys	GTÀ		GLu	Trp	Val	
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239				Leu													55,
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254	Glu	Val	Lys•	&Leu	Glu	Glu	Ser	Gly	Gly	Gly	Leu	Val	Gln	Pro	Gly	Gly	
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